

Amendments to the Specification

Please amend paragraph [0022] as follows:

The LAN 100, as shown in Fig. 1, may include a scanner 120, an optional information module 200, a number of network racks 130 having arrays of data ports 134 interconnected by a large number of cords 140, LEDs 136 adjacent to the data ports 134, and a multitude of system ports 132 for connection to the system. Like other LAN reconfiguration direction and response systems, instructions for reconfiguring the LAN are determined and communicated by a computer system 110 or the like which controls the LAN. However, relative to currently existing systems, in a preferred embodiment of the invention, the instructions provide more direction to the revisor, the instructions are more specific, the instructions provide a more efficient sequence of steps to implement the desired reconfiguration, the instructions are delivered more accessibly to the revisor, and the revisor receives immediate confirmation upon completion of each step in a revision/reconfiguration.

Please amend paragraph [0024] as follows:

The information module 200, as shown in Fig. 2, has a display 210 that can provide very specific instructions relating to a particular addition, removal, or transfer, providing information such as port numbers and/or rack locations, cord length information and/or whether a replacement cord is needed, etc. In addition to the display 210, the information module 200 may have a light 220 or other form of visual, audio, or vibratory indicator to indicate that new instructions have been presented or are accessible on the display. For example, a light 220 may blink or otherwise change state when the revisor acknowledges receipt of instructions (such as by pressing a button or key 230 on the portable controller) and/or turn off or otherwise change state when the necessary reconfigurational steps presented on the display 210 have been completed by the revisor. The information module 200 may be a device of custom design, or may be a type of small computer, such as a lap-top or hand-held computer. The computer system, among other things, may account for all patch cords, both currently installed and in storage, by type and length to ensure that the optimum cord for a particular reconfigurational step can be rapidly located.

Please amend paragraph [0037] as follows:

One form of the invention contemplates the use of a probe by the revisor of the network configuration. The probe is preferably easy for the revisor to carry around with him, and each rack in the network preferably has a system outlet for plugging in the probe. Thus, the probe may have similar function for the information module except that, rather than receiving a patch cord already connected to a data port, the probe may be inserted into the data port. The probe 300, as shown in Fig. 3, preferably has a housing 310 with an LCD screen 320 to convey information about the system, revision steps, cord specifications, etc. during the revision process. The probe 300 may also have one or more push buttons or keys 330 whereby the revisor can input information into the system, such as an acknowledgment of receipt of instructions, indication that a particular cord does not meet specifications, etc. The probe 300 may include one or more integral signal lights 340 for alerting the revisor as to the presence of new instructions on the LCD screen 320 or providing supplemental information, for example. Emanating from the housing 310 of the probe 300 is a probe cable 350 having a probe plug 360 at the remote end thereof. The probe cable 350 is preferably a multi-conductor electrical cable. The probe plug 360 is configured to mechanically and electrically cooperate with the system outlets such that the probe 300 can be plugged into the system from various locations within the network. As an alternative to the LCD screen being on the probe, an LCD or other display may be located in series with the probe cable. The probe 300 includes at least one conductive probe element 370 with which it can be placed in electrical contact with the system for the purpose of testing the location of a particular LAN port or plug. At least one embodiment of the invention provides for two differently configured probe elements emanating from the probe housing for testing different parts of the system. The housing may also include one or more lights 380 for illuminating an area in the direction of one or more of the probe elements 370 for assisting the revisor in better seeing where to contact a probe element 370 for system testing.